SEQUENCE LISTING

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Robb, Sofia

<120> MANAGING BIOLOGICAL DATABASES

<130> 21101.0049U2

<140> 10/532,198
<141> - -

<150> PCT/US2003/033590
<151> 2003-10-22

<150> 60/420,216
<151> 2002-10-22

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 360
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<220>
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synthetic construct

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<222> 169
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<222> 276
<223> n=a, t, c, or g

<400> 1
cttctgcaag gtccacagtt accattaaca aatcgagtcc tgcagtaaag gaatatgaaa 60
tgagacaatc ctacaatttt tctggagcac ctatgggggg atcagttcaa attcatagca 120
atgtgtcttc tgctgtagag ggccgagaaa gagaaaagag agaaatgcna gatcttaatg 180
aaaggctagc taattatatt gaaaaggtaa gatttctaga agctcnaaac aaaagattaa 240
caaatgaatt gaatacgtta cgtgaaagat ggggtnaaga agctgaaagg atacgagctt 300
tatatgagat tgaaatggat caattgaaaa agttattaga cgaagctgaa gctgctagat 360

<210> 2
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/ note =
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<220>

<221> VARIANT
<222> 2, 48
<223> Xaa = any amino acid

<400> 2
Asn Xaa Ser Ser Pro Ala Val Lys Glu Tyr Glu Met Arg Gln Ser Tyr
 1   5   10   15
Asn Phe Ser Gly Ala Pro Met Gly Gly Ser Val Gln Ile His Ser Asn
            20   25   30
Val Ser Ser Ala Val Glu Gly Arg Glu Arg Glu Lys Arg Glu Met Xaa
        35   40   45
Asp Leu Asn Glu Arg Leu Ala Asn Tyr Ile Glu Lys
    50   55   60

<210> 3
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/ note =
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<220>
<221> VARIANT
<222> 1-10, 13, 14, 17, 18, 20, 21, 42, 45, 47-49, 52, 54, 59
<223> Xaa = any amino acid

<400> 3
Asn Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Glu Met Xaa Xaa Ser Tyr
 1   5   10   15
Xaa Xaa Ser Xaa Xaa Pro Xaa Xaa Xaa Ser Xaa Xaa Xaa His Ser Xaa
            20   25   30
Val Xaa Xaa Xaa Xaa Xaa Gly Arg Glu Xaa Glu Lys Xaa Glu Xaa Xaa
        35   40   45
Xaa Leu Asn Xaa Arg Xaa Ala Asn Tyr Ile Xaa Lys
    50   55   60

<210> 4
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/ note =
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<400> 4
Asn Gln Asn Ala Ser Ser Ile Arg Thr Ile Glu Met Lys Lys Ser Tyr
 1   5   10   15
Gly Val Ser Ala Thr Pro Gly Ala Thr Ser Asn Ile Val His Ser Gly
            20   25   30
Val Asn Asn Leu Met Asn Gly Arg Glu Lys Glu Lys Asn Glu Leu Gln
        35   40   45
Glu Leu Asn Asp Arg Phe Ala Asn Tyr Ile Asp Lys
    50   55   60

<210> 5
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/ note =
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<220>
<221> VARIANT
<222> 7
<223> Xaa = any amino acid

<400> 5
Val Arg Phe Leu Glu Ala Xaa Asn Lys Arg Leu Thr Asn Glu Leu Asn
1 5 10 15
Thr Leu Arg Glu Arg Trp Gly Xaa Glu Ala Glu Arg Ile Arg Ala Leu
20 25 30
Tyr Glu Ile Glu Met Asp Gln Leu Lys Lys Leu Leu Asp Glu Ala Phe
35 40 45
Ala Ala Arg Ser Glu Leu Leu Pro Lys Ile Asn Lys
50 55 60

<210> 6
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/ note =
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<220>
<221> VARIANT
<222> 3, 6-7, 13, 17, 19, 20-21, 24, 26-27, 30, 34-36, 38, 41-43,
46, 50-53, 55-56, 60
<223> Xaa = any amino acid

<400> 6
Val Arg Xaa Leu Glu Xaa Xaa Asn Lys Arg Leu Thr Xaa Glu Leu Asn
1 5 10 15
Xaa Leu Xaa Xaa Xaa Trp Gly Xaa Glu Xaa Xaa Arg Ile Xaa Ala Leu
20 25 30
Tyr Xaa Xaa Xaa Met Xaa Gln Leu Xaa Xaa Xaa Leu Asp Xaa Ala Glu
35 40 45
Ala Xaa Xaa Xaa Xaa Leu Xaa Xaa Lys Ile Asn Xaa
50 55 60

<210> 7
<211> 60
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/ note =
synthetic construct

<400> 7
Val Arg Ser Leu Glu Asp Glu Asn Lys Arg Leu Thr Asp Glu Leu Asn
1 5 10 15
Asp Leu Lys Asp Gln Trp Gly Asn Glu Thr Ala Arg Ile Lys Ala Leu
20 25 30
Tyr Asp Ser Asp Met Ser Gln Leu Arg Arg Ser Leu Asp Gln Ala Glu
35 40 45

Ala Ser Lys Ala Gln Leu Glu Met Lys Ile Asn Thr
50 55 60

<210> 8
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/ note =
synthetic construct

<400> 8
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<210> 9
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/ note =
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<400> 9
tgagacaatc ctacaatttt tctggagcac ctatgggggg atcagttcaa attcatagca 60